

**FIG. 4H**

\_\_\_\_\_ pCU2 \_\_\_\_\_  
 ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AGG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
 120  
 THR-PHE-SER-GLN-ASP-VAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU-  
 → → → → →  
 \_\_\_\_\_ [L44] \_\_\_\_\_  
 → → → → →

\_\_\_\_\_ pCU2 \_\_\_\_\_  
 AGG AGG AAA ACC AAG GGG AAG AGG AAG CAA AGC AAA ACC CCA CAG ACT GAG GAA CCC CAC  
 140  
 ARG-ARG-LYS-THR-LYS-GLY-LYS-ARG-LYS-GLN-SER-LYS-THR-PRO-GLN-THR-GLU-GLU-PRO-HIS-  
 → → → → →  
 \_\_\_\_\_ L26 \_\_\_\_\_  
 → → → → →

→  
 CTG TGA (SEQ ID NO: 3)  
 158 (SEQ ID NO: 4)  
 LEU \*  
 → →

FIG. 4K

PCV2.1  
CGC TGT AGT GGC TGC TGT GGT GAC GAG GGT CTG CAC TGT GTG GCG CTA AAG ACA GCC AAC  
80  
ARG-CYS-SER-GLY-CYS-GLY-ASP-GLU-GLY-LEU-HIS-CYS-VAL-ALA-LEU-LYS-THR-ALA-ASN

PCV2.1  
ATC ACT ATG CAG ATC TTA AAG ATT CCC CCC AAT CCG GAT CCA CAT TCC TAC GTG GAG ATG  
100  
ILE-THR-MET-GLN-ILE-LEU-LYS-ILE-PRO-PRO-ASN-ARG-ASP-PRO-HIS-SER-TYR-VAL-GLU-MET

PCV2.1  
ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AGG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
120  
THR-PHE-SER-GLN-ASP-VAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU



AGG TAA (SEQ ID NO: 5)  
138  
ARG (SEQ ID NO: 6)

FIG. 4M

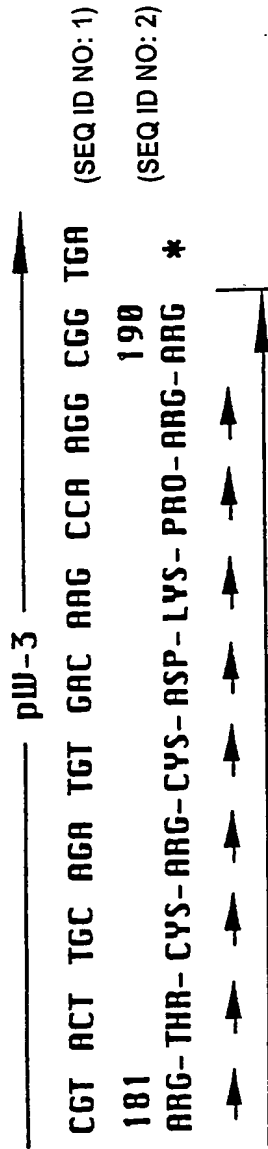


FIG. 5C

pCU2  
 ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AGG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
 120  
 THR-PHE-SER-GLN-ASP-VAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU-  
 [L44]

pCU2  
 AGG AGG AAA ACC AAG GGG AAG AGG AAG CAA AGC AAA ACC CCA CAG ACT GAG GAA CCC CAC  
 140  
 ARG-ARG-LYS-THR-LYS-GLY-LYS-ARG-LYS-GLN-SER-LYS-THR-PRO-GLN-THR-GLU-GLU-PRO-HIS-  
 150  
 126

CTG TGA (SEQ ID NO: 3)  
 158  
 LEU \* (SEQ ID NO: 4)

FIG. 6B

PCU2.1  
CGC TGT AGT GGC TGC TGT GGT GAC GAG GGT CTG CAC TGT GTG GCG CTA AAG ACA GCC AAC  
80  
ARG-CYS-SER-GLY-CYS-CYS-GLY-ASP-GLU-GLY-LEU-HIS-CYS-DAL-ALA-LEU-LYS-THR-ALA-ASN

PCU2.1  
ATC ACT ATG CAG ATC TTA AAG ATT CCC CCC AAT CGG GAT CCA CAT TCC TAC GTG GAG ATG  
100  
ILE-THR-MET-GLN-ILE-LEU-LYS-ILE-PRO-PRO-ASN-ARG-ASP-PRO-HIS-SER-TYR-DAL-GLU-MET-

PCU2.1  
ACA TTC TCT CAG GAT GTA CTC TGC GAA TGC AGG CCT ATT CTG GAG ACG ACA AAG GCA GAA  
120  
130  
THR-PHE-SER-GLN-ASP-DAL-LEU-CYS-GLU-CYS-ARG-PRO-ILE-LEU-GLU-THR-THR-LYS-ALA-GLU-



AGG TAA (SEQ ID NO: 5)  
138  
ARG \*

FIG. 7A